

## CLAIMS

What is claimed is:

1           1.     A purchasing system, the purchasing system buying consumer  
2 items from a communications network business through a communications  
3 network based on purchasing information gathered from a user environment  
4 in accordance with parameters provided by a user, comprising:

5           (a)     a monitoring unit linked with the user environment, the  
6 monitoring unit obtaining purchasing information from the user environment  
7 in accordance with parameters provided by a user; and

8           (b)     a purchasing unit linked with the monitoring unit, the  
9 purchasing unit generating a consumer item order by assessing the  
10 purchasing information.

1           2.     The purchasing system according to claim 1 wherein the user  
2 environment includes:

3           (a)     a network plugin device;

4           (b)     a peripheral device; and

5           (c)     a database device.

1           3.     The purchasing system according to claim 1 further comprising  
2 a trader unit linked with the purchasing unit and with the communications  
3 network, the trader unit for selecting a communications network business for  
4 the consumer item order.

1           4.     The purchasing system according to claim 2 wherein the  
2 monitoring unit includes:

3           (a)     an order collection system for sensing a consumer item demand  
4 signal from the user environment; and

5           (b)     an intelligent monitoring agent linked with the order collection  
6 system and with the purchasing unit for generating purchasing information  
7 from the consumer item demand signal.

1           5.     The purchasing system according to claim 4 wherein the  
2     monitoring unit further includes an inventory collection system linked with  
3     the intelligent monitoring agent for sensing a consumer item stock signal  
4     from the user environment.

1           6.     The purchasing system according to claim 5 wherein the  
2     purchasing unit includes an intelligent purchasing agent linked with the  
3     intelligent monitoring agent and with the trader unit for assessing the  
4     purchasing information.

1           7.     The purchasing system according to claim 6 wherein the  
2     intelligent purchasing agent accesses purchasing information from the  
3     inventory collection system to determine whether a consumer item is in the  
4     user environment.

1           8.     The purchasing system according to claim 6 wherein the  
2     intelligent purchasing agent accesses purchasing information from the order  
3     collection system.

1           9.     The purchasing system according to claim 6 wherein the  
2     intelligent purchasing agent generates a consumer item order.

1           10.    The purchasing system according to claim 9 wherein the trader  
2     unit receives the consumer item order from the purchasing unit.

1           11.    The purchasing system according to claim 10 wherein the  
2     trader unit includes a purchasing processor for selecting a communications  
3     network business to fulfill the consumer item order.

1           12. The purchasing system according to claim 11 wherein the  
2 trader unit includes an accountant linked with the purchasing processor for  
3 tracking each consumer item order executed by the purchasing processor.

1           13. The purchasing system according to claim 1 wherein the  
2 communications network comprises the Internet.

1           14. In a computer system, computer code product on computer  
2 readable media for buying consumer items from a communications network  
3 business through a communications network based on purchasing  
4 information gathered from a user environment in accordance with parameters  
5 provided by a user, the computer code product comprising:

6           (a) a first computer code product for obtaining purchasing  
7 information from the user environment in accordance with parameters  
8 provided by a user; and

9           (b) a second computer code product for generating a consumer  
10 item order by assessing the purchasing information.

1           15. The computer code product according to claim 14 wherein the  
2 first computer code product includes:

3           (a) computer code product for sensing a consumer item demand  
4 signal from the user environment; and

5           (b) computer code product for generating purchasing information  
6 provided by the consumer item demand signal.

1           16. The computer code product according to claim 15 wherein the  
2 second computer code product includes computer code product for  
3 assessing the purchasing information from the first computer code product  
4 and for generating a consumer item order.

1           17. The computer code product according to claim 16 further  
2 comprising:

3           a third computer code product for buying a consumer item from the  
4 communications network based on the consumer item order.

1           18. The computer code product according to claim 16 wherein the  
2 third computer code product includes computer code product for selecting a  
3 communications network business in accordance with the consumer item  
4 order.

1           19. In an communications network environment, a method for  
2 buying consumer items from a communications network business through a  
3 communications network based on purchasing information gathered from a  
4 user environment in accordance with parameters provided by a user,  
5 comprising the steps of:  
6           (a) linking a monitoring unit with the user environment;  
7           (b) gathering purchasing information from the user environment  
8 with the monitoring unit in accordance with parameters provided by the user;  
9           (c) linking a purchasing unit with a monitoring unit;  
10          (d) assessing the purchasing information with the purchasing unit;  
11 and  
12          (e) generating a consumer item order with the purchasing unit.

1           20. The method according to claim 19 further comprising the steps  
2 of:

3           (a) linking a trader unit with the purchasing unit and with the  
4 communications network; and  
5           (b) buying a consumer item from the communications network  
6 with the trader unit based on the consumer item order.